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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/806,779	09/20/2001	2841	700	10806-005	5	12	1

CONFIRMATION NO. 5941

Pennie & Edmonds  
1155 Avenue of the Americas  
New York, NY 10036

## FILING RECEIPT



\*OC000000006825144\*

Date Mailed: 10/02/2001

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## Applicant(s)

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~~Christer~~ Bohm, Nacka, SWEDEN;  
~~Bengt~~ J. Olsson, Tumba, SWEDEN;

## Domestic Priority data as claimed by applicant

THIS APPLICATION IS A 371 OF PCT/SE99/01800 10/07/1999

## Foreign Applications

SWEDEN 9803419-2 10/7/1998

Projected Publication Date: Not Applicable, filed prior to November 29, 2000

Non-Publication Request: No

Early Publication Request: No

\*\* SMALL ENTITY \*\*

## Title

Apparatus for routing data packets in a dtm network

## Preliminary Class

REFERRED TO <u>J. Hsu</u> REC'D
OCT 08 2001
Pennie & Edmonds OK. for filing

2336

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**Title 37, Code of Federal Regulations, 5.11 & 5.15**

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FORM PTO-1390  
(REV. 11-94)U.S. DEPARTMENT OF COMMERCE  
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RNEY'S DOCKET NUMBER

10806-005

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)**INTERNATIONAL APPLICATION NO.  
PCT/SE99/01800INTERNATIONAL FILING DATE  
October 7, 1999PRIORITY DATE CLAIMED  
October 7, 1998TITLE OF INVENTION  
APPARATUS FOR ROUTING DATA PACKETS IN A DTM NETWORKAPPLICANT(S) FOR DO/EO/US  
Per Lindgren, Christer Bohm, and Bengt Olsson

Applicant herewith submits to the United States Designated/ Elected Office (DO/EO/US) the following items under 35 U.S.C. 371:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the international Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureaus.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 37(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (unexecuted)
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11. to 16. below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☐ A **FIRST** preliminary amendment.  
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☐ Other items or information:

17. ☒ The U.S. National Fee (35 U.S.C. 371(c)(1)) and other fees as follows:

## CLAIMS

(1)FOR	(2)NUMBER FILED	(3)NUMBER EXTRA	(4)RATE	(5)CALCULATIONS
TOTAL CLAIMS	12 - 20	0	X \$ 18.00	\$ 0.00
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BASIC NATIONAL FEE (37 CFR 1.492(a)(1)-(5)): <b>CHECK ONE BOX ONLY</b>				
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<input type="checkbox"/> International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2) to (4) .....				\$ 100
<input type="checkbox"/> Filing with EPO or JPO search report .....				\$ 860
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- a. ☐ A check in the amount of \$\_\_ to cover the above fees is enclosed.
- b. ☒ Please charge Deposit Account No. 16-1150 in the amount of \$ 635.00 to cover the above fees. A copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 16-1150. A copy of this sheet is enclosed.

18. ☐ Other instructions  
n/a19. ☒ All correspondence for this application should be mailed to  
PENNIE & EDMONDS LLP  
1155 AVENUE OF THE AMERICAS  
NEW YORK, NEW YORK 10036-271120. ☒ All telephone inquiries should be made to (212) 790-2803Garland T. Stephens  
NAME  
SIGNATURE37,242  
REGISTRATION NUMBER3/30/01  
DATE

<b>(51) International Patent Classification <sup>7</sup> :</b> <b>H04L 12/56</b>	<b>A2</b>	<b>(11) International Publication Number:</b> <b>WO 00/21257</b>
		<b>(43) International Publication Date:</b> 13 April 2000 (13.04.00)

*Without international search report and to be republished upon receipt of that report.*

The diagram illustrates a system architecture with the following components and connections:

- Components:**
  - 115**: A rectangular block on the left.
  - 116**: A rectangular block on the right.
  - 117**: A rectangular block in the center.
  - 118**: A cylindrical database symbol.
  - 119**: A rectangular block above 117.
  - 120**: A rectangular block at the top.
  - 121**: A rectangular block between 115 and 116.
- Connections:**
  - 1**: An input arrow at the bottom pointing to a dashed box containing 113 and 114.
  - 2**: An arrow from the dashed box to 115.
  - 3**: An arrow from 115 to 120.
  - 4**: An arrow from 120 to 115.
  - 5**: An arrow from 119 to 118.
  - 6**: An arrow from 118 to 117.
  - 7**: A bidirectional arrow between 118 and 117.
  - 8**: An arrow from 117 to 116.
  - 9**: An arrow from 116 to 119.
  - 10**: An arrow from 119 to 120.
  - 11**: An arrow from the dashed box to 116.
  - 12**: An arrow from 116 to the dashed box.
  - 13**: An output arrow from the dashed box at the bottom.
  - 14**: An arrow from 120 to 116.
- Sub-systems:**
  - A dashed box encloses components **113** and **114**.
  - A larger dashed box encloses the entire system, with an input **1** and output **13** at the bottom.

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